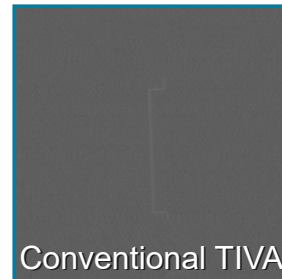


# SEMICAPS SOM

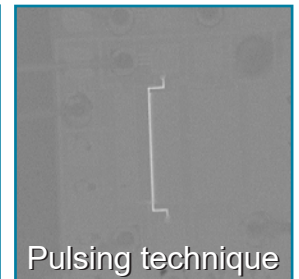
## SCANNING OPTICAL MICROSCOPY



SEMICAPS SOM 4000



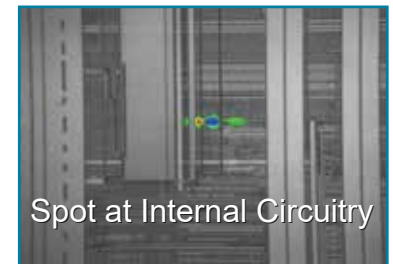
Conventional TIVA



Pulsing technique



Spot at Bondpad



Spot at Internal Circuitry

## Features

- Lasers options - 1340 nm/1320 nm/1064 nm with laser scan array size up to 2k x 2k
- Multiple techniques available
  - static: TIVA, OBIRCH
  - dynamic: LADA, SDL
- High power delivery 30 mW at DUT for all objectives including 100x
- Lock-in and Laser Pulsing technique: 10x improvement in sensitivity
- Pixel by pixel flexible scanning mode with user defined multiple - AOI
- Modular platform, field-upgradeable to LTP
- Flexible and customizable
- Centric and Aplanatic Refractive Solid Immersion lens (RSIL) options
- Option to mount PEM cameras (InGaAs, TE-cooled, LN2)

